

**VIRGINIA POLLUTION ABATEMENT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This biosolids/industrial residuals land application agreement is made on _____ (date) between _____ (name of landowner) referred to here as "Landowner", and _____ (Permit holder name), referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

I am the registered owner of real property known as _____ (address or farm name), located in _____ (county/city), Virginia, which includes the agricultural sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>

Additional parcels containing Land Application Sites are identified on Supplement A

I am the sole owner of the properties identified herein.

I am one of multiple owners of the properties identified herein.

In the event that I, the landowner, sell or transfer all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, I shall:

1. Notify the purchaser of the applicable public access and crop management restrictions no later than the closing date; and
2. Notify the permit holder of the sale within two weeks following closing.

I have no other agreements for land application on the fields identified herein. I will notify the permittee immediately if conditions change such that the fields are no longer available to the permittee for application or any part of this agreement becomes invalid.

I hereby grant permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. I also grant permission for DEQ staff to conduct inspections on my land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance.

Class B biosolids

Water treatment residuals

Other industrial sludges

Landowner – Printed Name

Signature

Mailing Address

Permittee:

_____, the permittee, agrees to apply biosolids and/or industrial residuals on the landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia. Permittee will provide a copy of the NMP to the landowner within 30 days after land application has commenced. If the plan requires modification to reflect the actual application rates or farming practices at the site, a revised plan will be provided within 2 weeks of the modification.

Permittee agrees to notify landowner or landowner designee of the proposed schedule for land application and specifically prior to any particular application to landowner's land. Notice shall include the source of residuals to be applied.

Permittee – Authorized Representative
Printed Name

Signature

Mailing Address

Permittee: _____

Landowner: _____

Farm name/address: _____

Landowner Site Management Requirements:

I, the landowner, I have received the Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the permitting authority
2. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy).
3. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock should not be grazed for 30 days,
 - b. Lactating dairy animals should not be grazed for a minimum of 60 days.
 - c. Other animals should be restricted from grazing for 30 days;
4. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
5. Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three years following the application of biosolids or industrial residuals borne cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date

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PART D-VI LAND APPLICATION AGREEMENT
Multiple Owner Coordination Form

Where there are multiple owners, this form is used by the Permittee to identify properties that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those properties. A Land Application Agreement - Biosolids and Industrial Residuals with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: _____

County: _____

Farm name/address: _____

Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Additional Land Application Sites are identified on Supplement B

Legal landowners of properties authorized to receive biosolids and/or industrial residuals

Landowner — Printed Name	Mailing Address
Landowner — Printed Name	Mailing Address
Landowner — Printed Name	Mailing Address
Landowner — Printed Name	Mailing Address
Landowner — Printed Name	Mailing Address
Landowner — Printed Name	Mailing Address
Landowner — Printed Name	Mailing Address

Additional Land owners are identified on Supplement B

Additional Land Application Sites

Permittee: _____

County: _____

Farm Name/Address: _____

Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Landowner – Printed Name Signature Mailing Address

**VIRGINIA POLLUTION ABATEMENT APPLICATION
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Multiple Owner Coordination Form continued**

**Supplement B
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Permittee: _____

County: _____

Farm name/address: _____

Additional Landowners

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Landowner — Printed Name

Mailing Address

Additional parcels authorized to receive biosolids, water treatment residuals or other industrial sludges
(continued from Multiple Owner Coordination Form page 1 of 1):

Tax Parcel ID

Tax Parcel ID

Tax Parcel ID

Tax Parcel ID

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____